

STL4 BET

4' LINEAR TRACK FIXTURE

The STL4BET track fixture is a linear track light for use with the BET track system, it has a built-in level to help lock it securely to the track. This fixture is available with four unique lens options that are field changeable, along with additional accessories including a visor and a blade louver, which can be used separately or in combination to provide enhanced shielding and glare reduction when needed.

LUMENS / WATTAGE DATA

| PART NUMBER | DELIVERED LUMENS ¹ | SYSTEM WATTS | LPW |
|--------------|-------------------------------|--------------|-----|
| STL4 40L BET | 4000 | 38 | 105 |

¹Nominal Delivered Lumens

CONSTRUCTION

Aluminum extruded lightweight LED Linear Track.

ELECTRONICS

Built-in Power Supply. 90 CRI. 120V

CODE COMPLIANCE

ETL listed for dry location.

WARRANTY

5-year warranty Standard.

PROJECT: _____

QUANTITY: _____

TYPE: _____



PRODUCT SELECTOR GUIDE

| SERIES | LUMENS | CCT | LENS | DIMMING | ADAPTOR | FINISH | ACCESSORIES |
|--------|--------|-----|------|---------|---------|--------|-------------|
| STL4 | 40L | | | E1 | BET | MW | + |

EXAMPLE

| | | | | | | | | |
|------|-----|------|----|----|-----|----|---|-----|
| STL4 | 40L | 35HK | LW | E1 | BET | MW | + | BLW |
|------|-----|------|----|----|-----|----|---|-----|

| SERIES | LUMENS | CCT | LENS | DIMMING | ADAPTOR | FINISH | ACCESSORIES |
|--------|--------------|---------------|---------------------------------------------|---------------------------------------------|-------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STL4 | 40L - 4000Lm | 90 CRI | DW - Diffuser | E1 - Electronic Driver, 120V, TRIAC Dimming | BET - Basix 1 CIR/1 NEUT 120V | MW - Matte White MB - Matte Black | BLW - Blade Louver White BLB - Blade Louver Black VS - 4' Visor (Matches Fixture Color) LVW - 4' Blade Louver & Visor White LVB - 4' Blade Louver & Visor Black |
| | | 30HK - 3000 K | NF - Narrow Flood | | | | |
| | | 35HK - 3500 K | LW - Double Asymmetrical | | | | |
| | | 40HK - 4000 K | LA - Single Asymmetrical WF - Wide Flood | | | | |

GREEN TEXT INDICATES QUICK SHIP OPTIONS



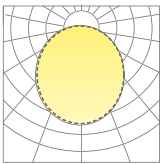
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FIXTURE DIMENSIONS

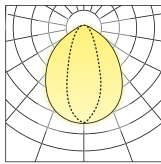


LENS OPTIONS

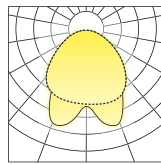
DW - Diffuser



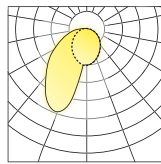
NF - Narrow Flood



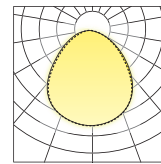
LW - Double Asymmetrical



LA - Single Asymmetrical



WF - Wide Flood



ACCESSORIES

BLW/BLB | Blade Louver

Fits with all lenses. Adds additional shielding to any single lens option.



Blade Louver installs into two internal channels located below lensing.

VS | Visor

For use with wall wash or other lens where extra visual shielding is required.



Visor installs into exterior channels on either side of the fixture.

LWV/LVB | Blade Louver & Visor

Fits with all lenses. Adds maximum shielding to any lens.



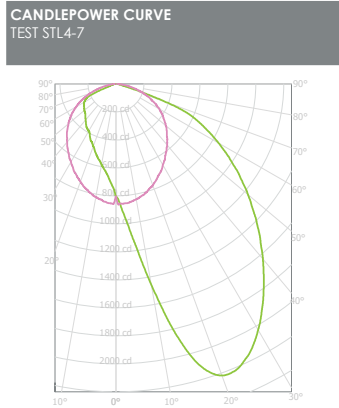
Blade Louver installs into two internal channels located below lensing. Visor installs into exterior channels on either side of the fixture.

LENS & ACCESSORIES AVAILABLE COMBINATIONS

| LENS/ACCESSORY | PART NUMBERS |
|---------------------------------|----------------------------|
| Diffuser + Blade Louver + Visor | DW + BLW/BLB + VS |
| Diffuser + Blade Louver | DW + BLW/BLB |
| Diffuser + Visor | DW + VS |
| Lens + Diffuser | NF/LW/LA/WF + DW |
| Lens + Diffuser + Visor | NF/LW/LA/WF + DW + VS |
| Lens + Blade Louver + Visor | NF/LW/LA/WF + BLW/BLB + VS |
| Lens + Blade Louver | NF/LW/LA/WF + BLW/BLB |
| Lens + Visor | NF/LW/LA/WF + VS |

Note: The diffuser shares the same internal channel as the lens and is only used there when no lens is present. When both a lens and diffuser are specified, the diffuser moves to the upper accessory channel, meaning it cannot be used with a blade louver in that configuration.

STL4 - 40L - 35HK - LA - xx - xx - MW



| INTENSITY CANDELA 0° AZIMUTH | | | | | ZONAL LUMENS | | |
|---------------------------------|------|------|------|-----|--------------|------|------|
| 0° | 90° | 180° | 270° | | 0° - 10° | 82 | 2% |
| 0° | 804 | 804 | 804 | 804 | 0° - 20° | 370 | 11% |
| 5° | 1020 | 857 | 659 | 846 | 0° - 30° | 871 | 26% |
| 15° | 1982 | 809 | 530 | 785 | 0° - 40° | 1486 | 45% |
| 25° | 2177 | 721 | 432 | 697 | 0° - 60° | 2666 | 81% |
| 35° | 1838 | 619 | 370 | 594 | 0° - 80° | 3241 | 98% |
| 45° | 1429 | 515 | 309 | 494 | 0° - 90° | 3264 | 99% |
| 55° | 1038 | 412 | 280 | 388 | Total | 3309 | 100% |
| 90° | 7 | 7 | 8 | 6 | | | |

| SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY | | | |
|------------------------------------------------------------------------------|-------------------|------------------------|-----------------|
| Mounting Distance | FC at Beam Center | Diameter at Beam Angle | FC at Beam Edge |
| 6.5' | 19 fc | 8.6' | 2 fc |
| 7.5' | 14 fc | 10.0' | 2 fc |
| 8.5' | 11 fc | 11.3' | 1 fc |
| 10.0' | 8 fc | 13.3' | 1 fc |
| 12.0' | 6 fc | 16.0' | 1 fc |
| 14.0' | 4 fc | 18.6' | 0 fc |
| 16.0' | 3 fc | 21.3' | 0 fc |
| 20.0' | 2 fc | 26.6' | 0 fc |

| MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT | | | | | | | | | |
|-------------------------------------------------------------------------------------------------|--------------|-----|-----------|------|---------------------|--------------|-----|-----------|------|
| RCR 2 | | | | | RCR 4 | | | | |
| Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* | Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* |
| 28'x28' 9' tall | 8'x10' | 69 | 0.88 | 78 | 14'x14' 9' tall | 6'x8' | 114 | 1.89 | 61 |
| 43'x43' 12' tall | 10'x14' | 36 | 0.46 | 78 | 21'x21' 12' tall | 10'x12' | 47 | 0.77 | 61 |
| 63'x63' 16' tall | 12'x16' | 24 | 0.30 | 78 | 31'x31' 16' tall | 10'x16' | 29 | 0.48 | 61 |

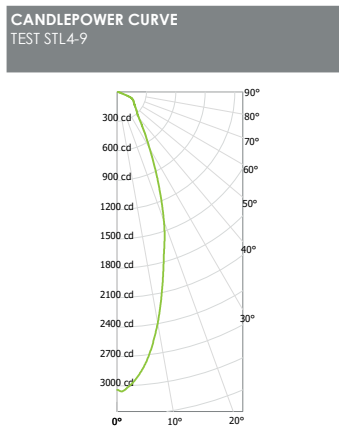
1' Suspension Length to luminous aperture
 * Average Initial Footcandles at 2.5' Above Floor
 * Delivered Illuminance Rating in FC per W/Sq.Ft.

Delivered Lumens: **3309**
 Luminaire Watts: **37.76**
 LER: **87.63**

CP at 0° (Nadir): **804**
 Peak Candela: **2224 cd at 21°**

Beam Angle: **47°**
 Spacing Ratio: **2.18**

STL4 - 40L - 35HK - NF - xx - xx - MW



| INTENSITY CANDELA 0° AZIMUTH | | | | | ZONAL LUMENS | | |
|---------------------------------|------|--|--|--|--------------|------|------|
| 0° | | | | | 0° - 10° | 273 | 8% |
| 0° | 3039 | | | | 0° - 20° | 924 | 26% |
| 5° | 2858 | | | | 0° - 30° | 1670 | 46% |
| 15° | 1834 | | | | 0° - 40° | 2329 | 64% |
| 25° | 976 | | | | 0° - 60° | 3225 | 89% |
| 35° | 472 | | | | 0° - 80° | 3555 | 98% |
| 45° | 286 | | | | 0° - 90° | 3572 | 99% |
| 55° | 217 | | | | Total | 3617 | 100% |
| 90° | 6 | | | | | | |

| SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY | | | |
|------------------------------------------------------------------------------|-------------------|------------------------|-----------------|
| Mounting Distance | FC at Beam Center | Diameter at Beam Angle | FC at Beam Edge |
| 6.5' | 72 fc | 4.4' | 31 fc |
| 7.5' | 54 fc | 5.1' | 23 fc |
| 8.5' | 42 fc | 5.7' | 18 fc |
| 10.0' | 30 fc | 6.7' | 13 fc |
| 12.0' | 21 fc | 8.1' | 9 fc |
| 14.0' | 16 fc | 9.4' | 7 fc |
| 16.0' | 12 fc | 10.8' | 5 fc |
| 20.0' | 8 fc | 13.5' | 3 fc |

| MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT | | | | | | | | | |
|-------------------------------------------------------------------------------------------------|-------------------|-----|-----------|------|---------------------|--------------|-----|-----------|------|
| RCR 2 | | | | | RCR 4 | | | | |
| Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* | Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* |
| 28'x28' 9' tall | 8'x7 ^A | 106 | 1.17 | 90 | 14'x14' 9' tall | 6'x7' | 121 | 1.61 | 75 |
| 43'x43' 12' tall | 10'x10' | 56 | 0.62 | 90 | 21'x21' 12' tall | 10'x10' | 65 | 0.87 | 75 |
| 63'x63' 16' tall | 12'x12' | 36 | 0.39 | 90 | 31'x31' 16' tall | 10'x12' | 44 | 0.59 | 75 |

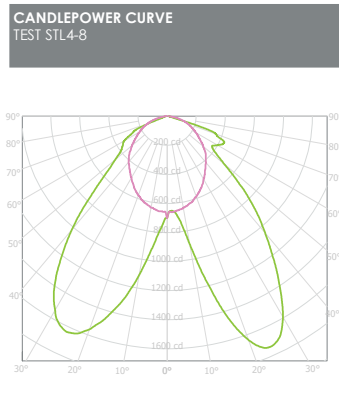
1' Suspension Length to luminous aperture
 * Average Initial Footcandles at 2.5' Above Floor
 * Delivered Illuminance Rating in FC per W/Sq.Ft.
^A Exceeds Spacing Ratio by 3%

Delivered Lumens: **3617**
 Luminaire Watts: **37.67**
 LER: **96.02**

CP at 0° (Nadir): **3039**
 Peak Candela: **3090 cd at 2°**

Beam Angle: **37°**
 Spacing Ratio: **0.57**

STL4 - 40L - 35HK - LW - xx - xx - MW



| INTENSITY CANDELA 0° AZIMUTH | | | | | ZONAL LUMENS | | |
|---------------------------------|------|------|------|-----|--------------|------|------|
| 0° | 90° | 180° | 270° | | 0° - 10° | 74 | 2% |
| 0° | 701 | 701 | 701 | 701 | 0° - 20° | 364 | 11% |
| 5° | 668 | 656 | 843 | 656 | 0° - 30° | 935 | 28% |
| 15° | 1302 | 618 | 1368 | 614 | 0° - 40° | 1662 | 49% |
| 25° | 1735 | 548 | 1636 | 539 | 0° - 60° | 2842 | 84% |
| 35° | 1322 | 455 | 1324 | 449 | 0° - 80° | 3323 | 98% |
| 45° | 791 | 376 | 678 | 365 | 0° - 90° | 3345 | 99% |
| 55° | 381 | 275 | 379 | 264 | Total | 3391 | 100% |
| 90° | 7 | 8 | 7 | 7 | | | |

| SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY | | | |
|------------------------------------------------------------------------------|-------------------|------------------------|-----------------|
| Mounting Distance | FC at Beam Center | Diameter at Beam Angle | FC at Beam Edge |
| 6.5' | 17 fc | 12.1' | 3 fc |
| 7.5' | 12 fc | 13.9' | 2 fc |
| 8.5' | 10 fc | 15.8' | 2 fc |
| 10.0' | 7 fc | 18.6' | 1 fc |
| 12.0' | 5 fc | 22.3' | 1 fc |
| 14.0' | 4 fc | 26.0' | 1 fc |
| 16.0' | 3 fc | 29.7' | 1 fc |
| 20.0' | 2 fc | 37.2' | 0 fc |

| MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT | | | | | | | | | |
|-------------------------------------------------------------------------------------------------|--------------|-----|-----------|------|---------------------|--------------|-----|-----------|------|
| RCR 2 | | | | | RCR 4 | | | | |
| Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* | Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* |
| 28'x28' 9' tall | 8'x7' | 95 | 1.18 | 81 | 14'x14' 9' tall | 6'x7' | 129 | 2.02 | 64 |
| 43'x43' 12' tall | 10'x10' | 50 | 0.62 | 81 | 21'x21' 12' tall | 10'x10' | 54 | 0.85 | 64 |
| 63'x63' 16' tall | 12'x12' | 32 | 0.40 | 81 | 31'x31' 16' tall | 10'x12' | 38 | 0.59 | 64 |

1' Suspension Length to luminous aperture
 * Average Initial Footcandles at 2.5' Above Floor
 * Delivered Illuminance Rating in FC per W/Sq.Ft.

Delivered Lumens: **3391**
 Luminaire Watts: **37.74**
 LER: **89.85**

CP at 0° (Nadir): **701**
 Peak Candela: **1738 cd at 24°**

Beam Angle: **86°**
 Spacing Ratio: **1.87**

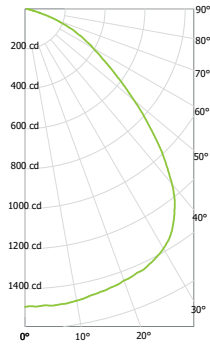
STL4 BET

4' LINEAR TRACK FIXTURE



STL4 - 40L - 35HK - WF - xx - xx - MW

CANDLEPOWER CURVE TEST STL4-10



INTENSITY CANDELA 0° AZIMUTH

| 0° | 0° - 10° | 141 | 4% |
|-----|----------|------|------|
| 0° | 0° - 20° | 547 | 15% |
| 5° | 0° - 30° | 1169 | 32% |
| 15° | 0° - 40° | 1907 | 52% |
| 25° | 0° - 60° | 3136 | 86% |
| 35° | 0° - 80° | 3588 | 98% |
| 45° | 0° - 90° | 3612 | 99% |
| 55° | | | |
| 90° | Total | 3653 | 100% |

ZONAL LUMENS

| 0° - 10° | 141 | 4% |
|----------|------|------|
| 0° - 20° | 547 | 15% |
| 0° - 30° | 1169 | 32% |
| 0° - 40° | 1907 | 52% |
| 0° - 60° | 3136 | 86% |
| 0° - 80° | 3588 | 98% |
| 0° - 90° | 3612 | 99% |
| Total | 3653 | 100% |

SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY

| Mounting Distance | FC at Beam Center | Diameter of Beam Angle | FC at Beam Edge |
|-------------------|-------------------|------------------------|-----------------|
| 6.5' | 35 fc | 13.3' | 5 fc |
| 7.5' | 26 fc | 15.4' | 4 fc |
| 8.5' | 21 fc | 17.4' | 3 fc |
| 10.0' | 15 fc | 20.5' | 2 fc |
| 12.0' | 10 fc | 24.6' | 1 fc |
| 14.0' | 8 fc | 28.7' | 1 fc |
| 16.0' | 6 fc | 32.8' | 1 fc |
| 20.0' | 4 fc | 41.0' | 1 fc |

MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

| RCR 2 | | | | | RCR 4 | | | | |
|---------------------|--------------|-----|-----------|------|---------------------|--------------|-----|-----------|------|
| Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* | Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* |
| 28'x28' 9' tall | 8'x7' | 106 | 1.18 | 90 | 14'x14' 9' tall | 6'x7' | 142 | 1.98 | 72 |
| 43'x43' 12' tall | 10'x10' | 54 | 0.61 | 90 | 21'x21' 12' tall | 10'x10' | 62 | 0.86 | 72 |
| 63'x63' 16' tall | 12'x12' | 34 | 0.38 | 90 | 31'x31' 16' tall | 10'x12' | 42 | 0.58 | 72 |

1' Suspension Length to luminous aperture
* Average Initial Footcandles at 2.5' Above Floor
* Delivered Illuminance Rating in FC per W/Sq.Ft.

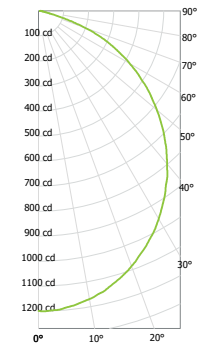
Delivered Lumens: 3653
Luminaire Watts: 37.04
LER: 98.62

CP at 0° (Nadir): 1491
Peak Candela: 1505 cd at 2°

Beam Angle: 91°
Spacing Ratio: 1.35

STL4 - 40L - 35HK - DW - xx - xx - MW

CANDLEPOWER CURVE TEST STL4-6



INTENSITY CANDELA 0° AZIMUTH

| 0° | 0° - 10° | 113 | 4% |
|-----|----------|------|------|
| 0° | 0° - 20° | 433 | 14% |
| 5° | 0° - 30° | 907 | 30% |
| 15° | 0° - 40° | 1463 | 48% |
| 25° | 0° - 60° | 2501 | 82% |
| 35° | 0° - 80° | 2979 | 98% |
| 45° | 0° - 90° | 3000 | 99% |
| 55° | | | |
| 90° | Total | 3043 | 100% |

ZONAL LUMENS

| 0° - 10° | 113 | 4% |
|----------|------|------|
| 0° - 20° | 433 | 14% |
| 0° - 30° | 907 | 30% |
| 0° - 40° | 1463 | 48% |
| 0° - 60° | 2501 | 82% |
| 0° - 80° | 2979 | 98% |
| 0° - 90° | 3000 | 99% |
| Total | 3043 | 100% |

SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY

| Mounting Distance | FC at Beam Center | Diameter of Beam Angle | FC at Beam Edge |
|-------------------|-------------------|------------------------|-----------------|
| 6.5' | 28 fc | 15.7' | 4 fc |
| 7.5' | 21 fc | 18.1' | 3 fc |
| 8.5' | 17 fc | 20.6' | 2 fc |
| 10.0' | 12 fc | 24.2' | 2 fc |
| 12.0' | 8 fc | 29.0' | 1 fc |
| 14.0' | 6 fc | 33.8' | 1 fc |
| 16.0' | 5 fc | 38.7' | 1 fc |
| 20.0' | 3 fc | 48.4' | 0 fc |

MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

| RCR 2 | | | | | RCR 4 | | | | |
|---------------------|--------------|-----|-----------|------|---------------------|--------------|-----|-----------|------|
| Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* | Room Size | Fixture Grid | FC* | W/ Sq.Ft. | DIR* |
| 28'x28' 9' tall | 8'x7' | 87 | 1.17 | 74 | 14'x14' 9' tall | 6'x7' | 115 | 1.98 | 58 |
| 43'x43' 12' tall | 10'x10' | 45 | 0.60 | 74 | 21'x21' 12' tall | 10'x10' | 50 | 0.86 | 58 |
| 63'x63' 16' tall | 12'x12' | 29 | 0.39 | 74 | 31'x31' 16' tall | 10'x12' | 34 | 0.58 | 58 |

1' Suspension Length to luminous aperture
* Average Initial Footcandles at 2.5' Above Floor
* Delivered Illuminance Rating in FC per W/Sq.Ft.

Delivered Lumens: 3043
Luminaire Watts: 36.9
LER: 82.47

CP at 0° (Nadir): 1199
Peak Candela: 1202 cd at 1°

Beam Angle: 101°
Spacing Ratio: 1.19